

Author Index

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KEY TO ABBREVIATIONS USED FOR ARTICLE CLASSIFICATION

* = Original Article	DI = Discussion	RE = Report
AN = Announcement	ED = Editorial	RV = Review of Recent Books
CR = Case Report	HW = How to Do It	SH = Our Surgical Heritage
CP = Correspondence	IC = Invited Commentary	TR = Tribute
CT = Collective Review	KR = Key References	UP = Update
CV = Current Review	PA = Presidential Address	

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- Brunsting LA III. *see* Lupinetti, Bolling, & others. 1994;57:1545-9*
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- Zwolak RM. *see* Canver & Zwolak. 1994;57:440-3*

Subject Index

Volume 57 (January-June 1994)

KEY TO ABBREVIATIONS USED FOR ARTICLE CLASSIFICATION

* = Original Article	CV = Current Review	RE = Report
AN = Announcement	ED = Editorial	RV = Review of Recent Books
CR = Case Report	HW = How to Do It	SH = Our Surgical Heritage
CP = Correspondence	KR = Key References	TR = Tribute
CT = Collective Review	PA = Presidential Address	UP = Update

Ablation

- Anatomic definition of a vulnerable extranodal site in AV node reentry (Holman, Anderson, & others) 1994;57:1273-80*
- Potential ablation of accessory atrioventricular pathways: injection of alcohol into the atrioventricular groove (Creswell, Rosenbloom, & others) 1994;57:203-7*

Abnormalities

- Imaging strategies for vascular rings (van Son, Julsrud, & others) 1994;57:604-10*

Accidents, traffic

- Aortic injury in vehicular trauma (Williams, Graff, & others) 1994;57:726-30*

Acidosis, diabetic

- Management of massive pulmonary thromboembolism complicating diabetic ketoacidosis (Quigley, Curran, & others) 1994;57:1322-4,CR

Acquired immunodeficiency syndrome

- Acquired immunodeficiency syndrome-related lymphoma of the lung presenting as empyema thoracis (Forbes, Marchioro, & others) 1994;57:216-9,CR

Adenosine triphosphate

- ATP reduces blood loss produced by heparin in cardiopulmonary bypass operations (Garcia, Buffolo, & others) 1994;57:956-9*

Adenovirus infection

- Successful adenovirus-mediated gene transfer in an in vivo model of human malignant mesothelioma (Smythe, Kaiser, & others) 1994;57:1395-401*

Adrenergic β -receptor blockers

- Effects of protamine on myocyte contractile function and β -adrenergic responsiveness (Hird, Crawford, & others) 1994;57:1066-75*

Age factors

- Aortic valve replacement: determinants of operative mortality (He, Acuff, & others) 1994;57:1140-6*

Aged

- Postinfarction ventricular septal defect in the elderly: analysis and results (Blanche, Khan, & others) 1994;57:1244-7*
- Risk factors for operative mortality in elderly patients undergoing internal mammary artery grafting (He, Acuff, & others) 1994;57:1453-61*
- Surgical treatment of lung cancer in the octogenarian (Osaki, Shirakusa, & others) 1994;57:188-93*

Agglutinins

- Mitral valve replacement in the presence of cold agglutinins (Saldanha, Srikrishna, & Ross) 1994;57:1369,CP

Air

- Technique to reduce air leaks after resection of emphysematous lung (Cooper) 1994;57:1038-9,HW

Airway

- Airway complications after pulmonary transplantation (Colquhoun, Gascoigne, & others) 1994;57:141-5*
- Airway complications in lung transplantation (Shennib & Massard) 1994;57:506-11,CV
- Analysis of airway function of immature whole lung transplants versus mature lobar transplants (Kern, Tribble, & others) 1994;57:1089-94*

Airway obstruction

- Left main bronchus compression after arterial switch for transplantation (Worsey, Pham, & others) 1994;57:1320-2,CR
- Use of expandable wire stents for malignant airway obstruction (de Souza, Keal, & others) 1994;57:1573-8*

Alcohol, ethyl

- Potential ablation of accessory atrioventricular pathways: injection of alcohol into the atrioventricular groove (Creswell, Rosenbloom, & others) 1994;57:203-7*

ϵ -Aminocaproic acid

- Decreased postoperative drainage with addition of ϵ -aminocaproic acid before cardiopulmonary bypass (Arom & Emery) 1994;57:1108-13*

Aminosulfonic acid

- Aminosulfonic acid buffer preserves myocardium during prolonged ischemia (Swan, Cowan, & others) 1994;57:1590-6*

Anaphylatoxins

- Plasma C3a and C5a concentrations during cardiopulmonary bypass (Mastroroberto, Chello, & Marchese) 1994;57:781-2,CP; Reply (Gillinov, Winkelstein, & others) 1994;57:782,CP; Reply (Gu & van Oeveren) 1992;57:782-3,CP; Reply (Butler, Rocker, & Westaby) 1994;57:783,CP

Anastomosis, surgical

- Alternative technique for orthotopic heart transplantation (Blanche, Czer, & others) 1994;57:765-7,HW
- Angioscopy-guided training model of coronary artery anastomosis (Satur & Gupta) 1994;57:1343-5,HW
- Ansa-recurrent nerve anastomosis for vocal cord paralysis due to mediastinal lesions (Miyauchi, Matsusaka, & others) 1994;57:1020-1,CR

- Cavopulmonary anastomotic aneurysm: a complication in pulsatile pulmonary arteries (Teske, Davis, & Allen) 1994;57:1661-4,CR

Anastomosis, surgical (cont'd)

- Management of anastomotic complications after sleeve lobectomy for lung cancer (Kawahara, Akamine, & others) 1994;57:1529-33*
- Modified technique for total cavopulmonary connection (Gregori, Silva, & others) 1994;57:1649-51,CR
- Significance of distal false lumen after type A dissection repair (Ergin, Phillips, & others) 1994;57:820-5*

Ancrod

- Heparinless cardiopulmonary bypass with ancrod (O-Yurvati, Laub, & others) 1994;57:1656-8,CR

Aneurysm

- Aberrant right subclavian artery aneurysm: an analysis of surgical options (Harrison, Batson, & Hunter) 1994;57:1012-4,CR
- Aortic arch aneurysm repair using selective cerebral perfusion (Tabayashi, Ohmi, & others) 1994;57:1305-10*
- Cavopulmonary anastomotic aneurysm: a complication in pulsatile pulmonary arteries (Teske, Davis, & Allen) 1994;57:1661-4,CR

Aneurysm, dissecting

- Single-stage repair of distal aortic arch and thoracoabdominal dissecting aneurysms using aortic tailoring and circulatory arrest (Stone, Greene, & others) 1994;57:580-7*

Aneurysm, infected

- Neisseria gonorrhoeae* mycotic ascending aortic aneurysm (Risher & McFadden) 1994;57:748-50,CR

Angina pectoris

- Bilateral internal mammary-to-pulmonary artery fistulas after coronary operation (Groh, Hovaguimian & Morton) 1994;57:1642-3,CR

Angiography

- Feasibility of intraoperative coronary angiography during hypothermic cardioplegic arrest (Goldstein, Laster, & Ferguson) 1994;57:1597-1604*
- Fifteen- to twenty-one-year angiographic assessment of internal thoracic artery as a bypass conduit (Barner & Barnett) 1994;57:1526-8*

Angioplasty, transluminal

- Feasibility of intraoperative coronary angiography during hypothermic cardioplegic arrest (Goldstein, Laster, & Ferguson) 1994;57:1597-1604*

Angioplasty, transluminal, percutaneous coronary

- Use of internal mammary artery for emergency grafting after failed coronary angioplasty (Caes & Van Nooten) 1994;57:1295-9*

Angioscopy

- Angioscopy-guided training model of coronary artery anastomosis (Satur & Gupta) 1994;57:1343-5,HW

Annals of Thoracic Surgery

- Editorial Board 1994;57:1
- Editorial Board changes 1994;57:525,AN
- Guest reviewers 1994;57:2-5

Announcements

- Editorial Board changes 1994;57:525,AN
- 1993 Meeting: Southern Thoracic Surgical Association (Barner) 1994;57:515,AN
- Thirtieth Annual Meeting: The Society of Thoracic Surgeons (Anderson) 1994;57:1375-82,AN

Annuloplasty

- Long-term results in polytetrafluoroethylene mitral annuloplasty (Chang, Lin, and others) 1994;57:644-7*

Antiinflammatory agents

- Inhibition of neutrophil adhesion during cardiopulmonary bypass (Gillinov, Redmond, & others) 1994;57:126-33*

Aorta

- Aortic injury in vehicular trauma (Williams, Graff, & others) 1994;57:726-30*
- The atherosclerotic ascending aorta and transverse arch: a new technique to prevent cerebral injury during bypass: experience with 13 patients (Culliford) 1994;57:1051-2,UP
- Composite graft technique (Paone & Silverman) 1994;57:517-8,CP; Reply (Copeland, Rosado, & Snyder) 1994;57:518,CP
- Homograft replacement of the aortic valve and root as a functional unit (Knott-Craig, Elkins, & others) 1994;57:1501-6*
- Significance of distal false lumen after type A dissection repair (Ergin, Phillips, & others) 1994;57:820-5*
- Simultaneous graft replacement of the ascending aorta and total aortic arch for type A aortic dissection (Ando, Nakajima & others) 1994;57:669-76*
- Use of glue to avoid formation of perfused recesses in aortic allograft implantation (von Segesser, Oechslin, & others) 1994;57:494-5,HW
- Wrapping of aortic grafts by pedicled pericardial flaps (Popoff & Diaz) 1994;57:1346-8,HW

Aorta, thoracic

- Adjuncts to reduce the incidence of embolic brain injury during operations on the aortic arch (Kouchoukos) 1994;57:243-5,HW
- Aortic arch aneurysm repair using selective cerebral perfusion (Tabayashi, Ohmi, & others) 1994;57:1305-10*
- The atherosclerotic ascending aorta and transverse arch: a new technique to prevent cerebral injury during bypass: experience with 13 patients (Culliford) 1994;57:1051-2,UP
- Regional deep hypothermia of the spinal cord protects against ischemic injury during thoracic aortic cross-clamping (Salzano, Ellison, & others) 1994;57:65-71*
- Replacement of the entire thoracic aorta in a single stage (Minale, Splittgerber, & Reifschneider) 1994;57:850-5*
- Resection of aortic arch aneurysms using an external shunt (Klingman & Ferraris) 1994;57:1040-3,SH
- Retrograde cerebral perfusion via a superior vena caval cannula for aortic arch aneurysm operations (Coselli) 1994;57:1668-9,HW
- Simultaneous graft replacement of the ascending aorta and total aortic arch for type A aortic dissection (Ando, Nakajima & others) 1994;57:669-76*
- Surgical outcome of aortic arch aneurysms using selective cerebral perfusion (Kazui, Kimura, & others) 1994;57:904-11*

Aortic aneurysm

- Conservative operation in the management of annular dilatation and ascending aortic aneurysm (Robicsek & Thubrikar) 1994;57:1672-4,HW
- Modification of the aortic composite graft using the button-in technique (Park & Maher) 1994;57:1035-7,HW
- Multicentric granular cell tumor of the heart presenting with aortic dissection (Fujise, Sacchi, & others) 1994;57:1653-5,CR
- Neisseria gonorrhoeae* mycotic ascending aortic aneurysm (Risher & McFadden) 1994;57:748-50,CR
- Replacement of the entire thoracic aorta in a single stage (Minale, Splittgerber, & Reifschneider) 1994;57:850-5*
- Resection of aortic arch aneurysms using an external shunt (Klingman & Ferraris) 1994;57:1040-3,SH
- Retrograde cerebral perfusion via a superior vena caval cannula for aortic arch aneurysm operations (Coselli) 1994;57:1668-9,HW

- Single-stage repair of distal aortic arch and thoracoabdominal dissecting aneurysms using aortic tailoring and circulatory arrest (Stone, Greene, & others) 1994;57:580-7*
- Surgical outcome of aortic arch aneurysms using selective cerebral perfusion (Kazui, Kimura, & others) 1994;57:904-11*
- Treatment of acute type A aortic dissection with intraluminal sutureless prosthesis (Liu, Lin, & Chang) 1994;57:987-91*
- Aortic coarctation**
The ductus and the coarctation (Dobell) 1994;57:246-8,SH
- Aortic disease**
Recurrent systemic embolization caused by aortic thrombi (Aldrich, Girardi, & others) 1994;57:466-8,CR
- Aortic rupture**
Is traumatic rupture of the aorta misunderstood? (Pate) 1994;57:530-1,ED
Simultaneous traumatic ascending and descending thoracic aortic rupture (Iannettoni, McCurry, & others) 1994;57:481-4,CR
- Aortic valve**
Aortic homograft and mitral valve repair in a patient with Werner's syndrome (Carrel, Pasic, & others) 1994;57:1319-20,CR
Aortic valve replacement: determinants of operative mortality (He, Acuff, & others) 1994;57:1140-6*
Direct-vision aortic valvotomy: predecessor to modern aortic surgery (Ungerleider) 1994;57:1351-3,SH
Donor-specific immune response after aortic valve allografting in the rat (Zhao, Green, & others) 1994;57:1158-63*
Homograft replacement of the aortic valve and root as a functional unit (Knott-Craig, Elkins, & others) 1994;57:1501-6*
Pulmonary autograft in children: realized growth potential (Elkins, Knott-Craig, & others) 1994;57:1387-94*
The risk of small St. Jude aortic valve prosthesis (Kratz, Sade, & others) 1994;57:1114-9*
Total aortic replacement (Svensson & Shahian) 1994;57:1685-6,CP; Reply (Massimo) 1994;57:1686,CP
- Aortic valve insufficiency**
Frequency and operative correction of aortic insufficiency associated with ventricular septal defect (Ishikawa, Morishita, & others) 1994;57:996-8*
Lunular hypertrophy and aortic valve disease (Shapira, Fernandez, & others) 1994;57:305-10*
Pulmonary autograft failure caused by a relapse of rheumatic fever (de Vries, Bogers, & others) 1994;57:750-1,CR
- Aortomyoplasty**
Autogenous cardiac assist with chronic descending thoracic aortomyoplasty (Lazzara, Trumble, & Magovern) 1994;57:1540-4*
- Aortopexy**
Temporary aortopexy to facilitate exposure during resection of the intrathoracic trachea (Del Rizzo, Briant, & Salerno) 1994;57:490-1,CR
- Aortopulmonary window**
Pulmonary artery flap for closure of aortopulmonary window (Messmer) 1994;57:498-501,HW
- Aprotinin**
Aprotinin does not neutralize heparin (Alston & D'Ambra) 1994;57:516,CP
- Arrhythmia**
Portable cardiopulmonary bypass: resuscitation from prolonged ice-water submersion and asystole (Waters, Belz, & others) 1994;57:1018-9,CR
- Treatment of postthoracotomy supraventricular tachyarrhythmias (Spodick) 1994;57:783,CP; Reply (Cheng) 1994;57:784,CP
- Arteriosclerosis**
The atherosclerotic ascending aorta and transverse arch: a new technique to prevent cerebral injury during bypass: experience with 13 patients (Culliford) 1994;57:1051-2,UP
Fifteen- to twenty-one-year angiographic assessment of internal thoracic artery as a bypass conduit (Barner & Barnett) 1994;57:1526-8*
Surgical management of left main coronary artery aneurysm (Fukaya, Miyakawa, & others) 1994;57:228-30,CR
- Arteriovenous malformations**
Pulmonary arteriovenous malformations: options for management (White & Pollak) 1994;57:519-21,CP; Reply (Puskas & Mathisen) 1994;57:521,CP
- Aspergillosis**
Aspergillosis of the posterior mediastinum (Wells, Fox, & others) 1994;57:1240-3*
- Aspirator**
Histologic evaluation of coronary exposure using an ultrasonic surgical aspirator (Terada, Mitsui & Yazawa) 1994;57:1054-5,CP
- Assisted circulation**
Chronic mechanical circulatory support: rehabilitation, low morbidity, and superior survival (Kormos, Murali, & others) 1994;57:51-8*
- Atresia**
Heart-lung transplantation in a patient with pulmonary atresia and ventricular septal defect (Reichenspurner, Netz, & others) 1994;57:210-2,CR
Surgical treatment of tetralogy of Fallot and pulmonary atresia with ventricular septal defect (Puga) 1994;57:253-4,KR
- Barrett's esophagus**
Barrett's esophagus (Hardwick) 1994;57:263,CP; Reply (Little) 1994;57:263,CP
Potential application of p53 as an intermediate biomarker in Barrett's esophagus (Jones, Davidson, & others) 1994;57:598-603*
- Bayes theorem**
Bayesian-logit model for risk assessment in coronary artery bypass grafting (Marshall, Shroyer, & others) 1994;57:1492-1500*
- Biological markers**
Potential application of p53 as an intermediate biomarker in Barrett's esophagus (Jones, Davidson, & others) 1994;57:598-603*
- Biopsy**
Biopsy-induced tricuspid regurgitation after cardiac transplantation (Huddleston, Rosenbloom, & others) 1994;57:832-7*
- Blood**
Blood contact during open heart operations: reducing the risk (Noera) 1994;57:785-6,CP
- Blood circulation**
Effect of chronic native flow competition on internal thoracic artery grafts (Lust, Zeri, & others) 1994;57:45-50*
Effects of cardiac denervation on coronary and systemic circulation (Amano, Suzuki, & Sunamori) 1994;57:928-32*
Effects of cardiopulmonary bypass on gut blood flow, oxygen utilization, and intramucosal pH (Ohri, Becket, & others) 1994;57:1193-9*
Fetal cardiac bypass: improved placental function with moderately high flow rates (Hawkins, Clark, & others) 1994;57:293-7*

Blood circulation (cont'd)

Fetal lamb pulmonary hypoplasia: pulmonary vascular and myocardial abnormalities (Hill, Adzick, & others) 1994;57:946-51*

Blood coagulation

Heparin resistance after preoperative heparin therapy or intraaortic balloon pumping (Staples, Dunton, & others) 1994;57:1211-6*

Thrombomodulin in pediatric cardiac surgery (Boldt, Knothe, & others) 1994;57:1584-9*

Blood gas analysis

Blood gases, blood gases (Wagner) 1994;57:264,CP

Blood gas exchange

Performance of an intravenous gas exchanger (IVOX) in a venovenous bypass circuit (Tao, Zwischenberger, & others) 1994;57:1484-91*

Blood transfusion

Review of blood transfusion practices in thoracic surgery (Griffiths, Kaplan, & others) 1994;57:736-9*

Safety and therapeutic effectiveness of reinfused shed blood after open heart surgery (Axford, Dearani, & others) 1994;57:615-22*

Blood transfusion, autologous

Autotransfusion in routine cardiac operations (Early & Roberts) 1994;57:262-3,CP

Cost-effectiveness of preoperative autologous donation in coronary artery bypass grafting (Birkmeyer, AuBuchon, & others) 1994;57:161-9*

Removal of Avitene microfibrillar collagen hemostat by use of suitable transfusion filters (Orr, Ferdman, & Maresh) 1994;57:1007-11*

Shed blood autotransfusion influences ischemia-sensitive laboratory parameters after coronary operations (Hannes, Keilich, & others) 1994;57:1289-94*

Systemic blood activation during and after autotransfusion (Schönberger, van Oeveren, & others) 1994;57:1256-62*

Body fluids

Comparison of the hormonal response after bidirectional Glenn and Fontan procedures (Mainwaring, Lamberti, & others) 1994;57:59-64*

Extravascular fluid uptake during cardiopulmonary bypass in hypertensive dogs (Wolfer, Bishop, & others) 1994;57:974-80*

Body temperature

Multichannel myocardial temperature probe (Kuki, Yoshida, & others) 1994;57:1033-4,HW

Body weight

Successful use of undersized donors for orthotopic heart transplantation—with a caveat (Blackbourne, Tribble, & others) 1994;57:1472-6*

Book reviews

Chest and Cardiac Imaging: An Atlas of Differential Diagnosis, by Eisenberg (Shields) 1994;57:242,RV

Techniques in General Thoracic Surgery, 2nd ed, by Hood (LoCicero) 1994;57:1266,RV

Brachytherapy

Influence of surgical resection and brachytherapy in the management of superior sulcus tumor (Ginsberg, Martini, & others) 1994;57:1440-5*

Brain

Aortic arch aneurysm repair using selective cerebral perfusion (Tabayashi, Ohmi, & others) 1994;57:1305-10*

Cerebral imaging in the asymptomatic preoperative bronchogenic carcinoma patient: is it worthwhile? (Cole, Thomas, & others) 1994;57:838-40*

Cerebral metabolic effects of sequential periods of hypothermic circulatory arrest (Mault, Whitaker, & others) 1994;57:96-101*

Computer simulation of brain cooling during cardiopulmonary bypass (Dexter & Hindman) 1994;57:1171-9*

Surgical outcome of aortic arch aneurysms using selective cerebral perfusion (Kazui, Kimura, & others) 1994;57:904-11*

Brain injuries

Adjuncts to reduce the incidence of embolic brain injury during operations on the aortic arch (Kouchoukos) 1994;57:243-5,HW

The atherosclerotic ascending aorta and transverse arch: a new technique to prevent cerebral injury during bypass: experience with 13 patients (Culliford) 1994;57:1051-2,UP

Bronchi

Bilateral main bronchial compression caused by the ductal ligament (Sugita, Mori, & others) 1994;57:1647-9,CR

Bronchial arteries

Routine immediate direct bronchial artery revascularization for single-lung transplantation (Daly & McGregor) 1994;57:1446-52*

Bronchoesophagoscopia

Chevalier Jackson: the father of American bronchoesophagoscopia (Boyd) 1994;57:502-5,SH

Buffers

Aminosulfonic acid buffer preserves myocardium during prolonged ischemia (Swan, Cowan, & others) 1994;57:1590-6*

C-reactive protein

Utility of C-reactive protein measurements for empyema diagnosis after pneumonectomy (Icard, Fleury, & others) 1994;57:933-6*

Calcium

Effect of magnesium and calcium on myocardial protection by cardioplegic solutions (Takemoto, Kuroda, & others) 1994;57:177-82*

Newborn myocardial protection after prolonged prearrest cooling: a calcium overload phenomenon? (Shum-Tim, Tchernikov, & others) 1994;57:311-8*

Capillary filtration coefficient

Changes in vascular permeability with ischemic time, temperature, and inspired oxygen fraction in isolated rabbit lungs (Haniuda, Dresler, & others) 1994;57:708-14*

Carcinoma, bronchogenic

Cerebral imaging in the asymptomatic preoperative bronchogenic carcinoma patient: is it worthwhile? (Cole, Thomas, & others) 1994;57:838-40*

Combined radiosurgical treatment of Pancoast tumor (Maggi, Casadio, & others) 1994;57:198-202*

Extended cervical mediastinoscopy: prospective study of fifty cases (Lopez, Varela, & others) 1994;57:555-8*

Multicentricity in resected occult bronchogenic squamous cell carcinoma (Saito, Sato, & others) 1994;57:1200-5*

Primary bronchogenic carcinoma in the heart transplant recipient (Fleming, Jennison, & Naunheim) 1994;57:1300-1*

Superior sulcus tumors: combined modality (Fuller & Chambers) 1994;57:1133-9*

Carcinoma, non-small cell lung

Angiogenesis: an indicator of metastasis in non-small cell lung cancer invading the thoracic inlet (Macchiarini, Fontanini, & others) 1994;57:1534-9*

Extended operations after induction therapy for stage IIIb (T4) non-small cell lung cancer (Macchiarini, Chapelier, & others) 1994;57:966-73*

- Lung cancer and the left internal mammary artery graft (Greene & Heitmiller) 1994;57:1029-30,CR
- Results of surgical resection in patients with N2 non-small cell lung cancer (Miller, McManus, & others) 1994;57:1095-101*
- Carcinoma, renal cell**
- Pulmonary resection of metastatic renal cell carcinoma (Cerfolio, Allen, & others) 1994;57:339-44*
- Carcinoma, squamous cell**
- Induction therapy for squamous carcinoma of the thoracic esophagus: the continuing journey (McLaughlin) 1994;57:1064-5,ED
- Induction therapy for squamous carcinoma of thoracic esophagus (Laterza, Griso, & others) 1994;57:1126-32*
- Multicentricity in resected occult bronchogenic squamous cell carcinoma (Saito, Sato, & others) 1994;57:1200-5*
- Tumor recurrence in long-term survivors after treatment of carcinoma of the esophagus (Fahn, Wang, & others) 1994;57:677-81*
- Cardiac pacing, artificial**
- Pacing thresholds of temporary epicardial electrodes: variation with electrode type, time, and epicardial position (Kallis, Batrick, & others) 1994;57:623-6*
- Cardiomyopathy**
- Myocardial viability assessment in ischemic cardiomyopathy: benefits of coronary revascularization (Dreyfus, Duboc, & others) 1994;57:1402-8*
- Cardiomyopathy, hypertrophic**
- Recognition and management of accessory mitral tissue causing severe subaortic stenosis (Ow, DeLeon, & others) 1994;57:952-5*
- Treatment of hypertrophic cardiomyopathy by mitral valve repair and septal myectomy (Joyce, Lever, & Cosgrove) 1994;57:1025-7,CR
- Cardiomyoplasty**
- After cardiomyoplasty there is no need to stimulate the muscle with every heart contraction (Chekanov) 1994;57:1370-1,CP; Reply (Magovern) 1994;57:1371,CP
- Cardiomyoplasty: probable mechanism of effectiveness using the pressure-volume relationship (Nakajima, Niinami, & others) 1994;57:407-15*
- Late hemodynamic results after cardiomyoplasty in congestive heart failure (Jegaden, Delahaye, & others) 1994;57:1151-7*
- New method for mechanistic studies of cardiomyoplasty: three-dimensional MRI reconstructions (Cho, Levin, & others) 1994;57:1605-11*
- Nonstimulated cardiomyoplasty wrap attenuated the degree of left ventricular enlargement (Chekanov) 1994;57:1684-5,CP
- Cardioplegic solutions**
- Comparison of different techniques of hypothermic pig heart preservation (Ferrera, Larese, & others) 1994;57:1233-9*
- Effect of magnesium and calcium on myocardial protection by cardioplegic solutions (Takemoto, Kuroda, & others) 1994;57:177-82*
- Effects of University of Wisconsin solution on endothelium-dependent coronary artery relaxation in the rat (Cartier, Hollmann, & others) 1994;57:255-7,UP
- Electrophysiologic consequences of hyperkalemic cardioplegia during surgical ischemia (Cohen, Allen, & others) 1994;57:1076-83*
- Fumarate-enriched blood cardioplegia results in complete functional recovery of immature myocardium (Pearl, Hiramoto, & others) 1994;57:1636-41*
- Lack of cardioplegia uniformity in clinical myocardial preservation (Demmy, Haggerty, & others) 1994;57:648-51*
- Tolerance of epicardial coronary endothelium and smooth muscle to hyperkalemia (He, Yang, & others) 1994;57:682-8*
- Cardiopulmonary bypass**
- The atherosclerotic ascending aorta and transverse arch: a new technique to prevent cerebral injury during bypass: experience with 13 patients (Culliford) 1994;57:1051-2,UP
- ATP reduces blood loss produced by heparin in cardiopulmonary bypass operations (Garcia, Buffolo, & others) 1994;57:956-9*
- Atrial natriuretic peptide, diuresis, and cardiopulmonary bypass (Majid & Ch'ng) 1994;57:1369-70,CP
- Cardiopulmonary bypass (Utley) 1994;57:1365-6,KR
- Cerebral effects of low-flow cardiopulmonary bypass and hypothermic circulatory arrest (Mezrow, Sadeghi, & others) 1994;57:532-9*
- Complement and neutrophil activation during cardiopulmonary bypass: a study in the complement-deficient dog (Gillinov, Redmond, & others) 1994;57:345-52*
- Computer simulation of brain cooling during cardiopulmonary bypass (Dexter & Hindman) 1994;57:1171-9*
- Decreased postoperative drainage with addition of ϵ -aminocaproic acid before cardiopulmonary bypass (Arom & Emery) 1994;57:1108-13*
- Effect of cardiopulmonary bypass on early graft dysfunction in clinical lung transplantation (Aeba, Griffith, & others) 1994;57:715-22*
- Effect of cardiopulmonary bypass on gastrointestinal perfusion and function (Gaer, Shaw, & others) 1994;57:371-5*
- Effects of cardiopulmonary bypass on gut blood flow, oxygen utilization, and intramucosal pH (Ohri, Becket, & others) 1994;57:1193-9*
- Endotoxemia, complement and white blood cell activation in cardiac surgery: a randomized trial of laxatives and pulsatile perfusion (Taggart, Sundaram, & others) 1994;57:376-82*
- Extravascular fluid uptake during cardiopulmonary bypass in hypertensive dogs (Wolfer, Bishop, & others) 1994;57:974-80*
- Heparinless cardiopulmonary bypass with ancrod (O-Yurvati, Laub, & others) 1994;57:1656-8,CR
- Inhibition of neutrophil adhesion during cardiopulmonary bypass (Gillinov, Redmond, & others) 1994;57:126-33*
- Myocardial function is normal after rapid cooling in the in vivo neonatal heart (Heinle, Lodge, & others) 1994;57:326-33*
- Nitric oxide formation during cardiopulmonary bypass (Ruvolo, Greco, & others) 1994;57:1055-6,CP; Reply (Loh & Edmunds) 1994;57:1056,CP; Reply (Gu & van Oeveren) 1994;57:1056-7,CP
- Pharmacological, hematological, and physiological effects of a new thromboxane synthetase inhibitor (CGS-13080) during cardiopulmonary bypass in dogs (DeAnda & Miller) 1994;57:778-80,UP
- Plasma C3a and C5a concentrations during cardiopulmonary bypass (Mastroroberto, Chello, & Marchese) 1994;57:781-2,CP; Reply (Gillinov, Winkelstein, & others) 1994;57:782,CP; Reply (Gu & van Oeveren) 1992;57:782-3,CP; Reply (Butler, Rocker, & Westaby) 1994;57:783,CP
- Predictors, frequency, and indications for cardiopulmonary bypass during lung transplantation in adults (Triantafyllou, Pasque, & others) 1994;57:1248-51*

Cardiopulmonary bypass (cont'd)

- Relationship of platelet aggregation to bleeding after cardiopulmonary bypass (Ray, Hawson, & others) 1994;57:981-6*
- Safe use of heparin-coated bypass circuits incorporating a pump-oxygenator (Jones, Hill, & others) 1994;57:815-9*
- Safety and therapeutic effectiveness of reinfused shed blood after open heart surgery (Axford, Dearani, & others) 1994;57:615-22*
- Thromboxane A₂ receptor-specific antagonism in hypothermic cardiopulmonary bypass (Mendeloff, Liang, & others) 1994;57:999-1006*

Case reports

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- Cost-effectiveness of preoperative autologous donation in coronary artery bypass grafting (Birkmeyer, AuBuchon, & others) 1994;57:161-9*

Counterpulsation

- Fracture of the internal lumen of a Datascope Percor Stat-DL Balloon, resulting in stroke (Myers, Landymore, & others) 1994;57:1335-7,CR

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- Anterior and middle mediastinum paraganglioma: complete resection is the treatment of choice (Lamy, Fradet, & others) 1994;57:249-52,CV
- Pulmonary mucormycosis: results of medical and surgical therapy (Tedder, Spratt, & others) 1994;57:1044-50,CV
- Surgical anatomy of accessory connections of atrioventricular conduction (Sealy) 1994;57:1675-83,CV
- The Vineberg procedure: the immediate forerunner of coronary artery bypass grafting (Shrager) 1994;57:1354-64,CV

Cuspid

- Lunular hypertrophy and aortic valve disease (Shapira, Fernandez, & others) 1994;57:305-10*

Cyanosis

- Intrapericardial diaphragmatic hernia, atrial septal defect, and severe episodic cyanosis (Shely, Loitz, & others) 1994;57:1651-3,CR

Cystic fibrosis

- Bilateral pulmonary lobe transplantation: left lower and right middle and lower lobes (Bisson, Bonnette, & others) 1993;57:219-21,CR
- Living-related donor lobectomy for bilateral lobar transplantation in patients with cystic fibrosis (Cohen, Barr, & others) 1994;57:1423-8*

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- Intraoperative imprint cytology for evaluation of mediastinal lymphadenopathy (Clarke, Landreneau, & Borochovit) 1994;57:1206-10*

Deglutition disorders

- Severe dysphagia from an Angelchik prosthesis: futility of routine esophageal testing (Demmy, Caron, & Curtis) 1994;57:1660-1,CR

Denervation

- Effects of cardiac denervation on coronary and systemic circulation (Amano, Suzuki, & Sunamori) 1994;57:928-32*

Dermatitis, contact

Pacemaker contact sensitivity: clinical recognition and management (Abdallah, Balsara, & O'Riordan) 1994;57:1017-8,CR

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Decreased postoperative drainage with addition of ϵ -aminocaproic acid before cardiopulmonary bypass (Arom & Emery) 1994;57:1108-13*

Diabetes mellitus

Management of massive pulmonary thromboembolism complicating diabetic ketoacidosis (Quigley, Curran, & others) 1994;57:1322-4,CR

Diagnostic imaging

Imaging strategies for vascular rings (van Son, Julsrud, & others) 1994;57:604-10*

Dilatation

Conservative operation in the management of annular dilatation and ascending aortic aneurysm (Robicsek & Thubrikar) 1994;57:1672-4,HW

Dissection

Hugh Morriston Davies: first dissection lobectomy in 1912 (Goldstraw) 1994;57:1058,CP

Multicentric granular cell tumor of the heart presenting with aortic dissection (Fujise, Sacchi, & others) 1994;57:1653-5,CR

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Simultaneous graft replacement of the ascending aorta and total aortic arch for type A aortic dissection (Ando, Nakajima & others) 1994;57:669-76*

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Atrial natriuretic peptide, diuresis, and cardiopulmonary bypass (Majid & Ch'ng) 1994;57:1369-70,CP

Down's syndrome

Complete atrioventricular septal defect in patients with and without Down's syndrome (Marino) 1994;57:1687,CP; Reply (Akiba, Becker, & others) 1994;57:1687-8,CP

Doxycycline

Doxycycline for malignant effusions (Yellin) 1994;57:1053,CP; Reply (Robinson, Fleming, & Galbraith) 1994;57:1053-4,CP

Drainage

Total anomalous pulmonary venous drainage in newborns with visceral heterotaxy (Heinemann, Hanley, & others) 1994;57:88-91*

Drug therapy

Extended operations after induction therapy for stage IIIb (T4) non-small cell lung cancer (Macchiarini, Chapelier, & others) 1994;57:966-73*

Induction therapy for squamous carcinoma of thoracic esophagus (Laterza, Griso, & others) 1994;57:1126-32*

Ductus arteriosus, patent

The ductus and the coarctation (Dobell) 1994;57:246-8,SH
Thoracoscopic clipping and ligation of a patent ductus arteriosus (Alvarez-Tostado, Millán, & others) 1994;57:755-7,CR

Duodenum

Acute duodenal perforation after coronary artery bypass grafting (Saldanha, Srikrishna, & John) 1994;57:1690,CP

Echocardiography

Infected biatrial myxoma: transesophageal echocardiography-guided surgical resection (Kaplan, Weiman, & others) 1994;57:487-9,CR

Intraoperative transesophageal echocardiography of coronary artery fistulas (Stevenson, Sorensen, & others) 1994;57:1217-21*

Noninvasive diagnosis of cardiac rejection through echocardiographic tissue characterization (Lieback, Meyer, & others) 1994;57:1164-70*

Echocardiography, Doppler

Ultrasound evaluation of the inferior epigastric artery (Petrosian, Menegus, & others) 1994;57:895-8*

Editorials

The Angelchik prosthesis: what have we learned in fifteen years? (Crookes & DeMeester) 1994;57:1385-6,ED

Cooperative trials in thoracic oncology are important (Benfield) 1994;57:10-1,ED

Fetal cardiac surgery: steady progress in the laboratory (Hanley) 1994;57:279-80,ED

First publications from The Society of Thoracic Surgeons National Database (Anderson), 1994;57:6-7,ED

Induction therapy for squamous carcinoma of the thoracic esophagus: the continuing journey (McLaughlin) 1994;57:1064-5,ED

Is traumatic rupture of the aorta misunderstood? (Pate) 1994;57:530-1,ED

Malignant pleural mesothelioma: the thoracic surgeon and gene therapy (Pass) 1994;57:1383-4,ED

The role of preoperative surgical staging in left upper lobe tumors (Ginsberg) 1994;57:526-7,ED

Ultra-long-gap esophageal atresia: how long is long? (Coran) 1994;57:528-9,ED

Unusual coronary patterns and arterial switch outcome (Day) 1994;57:283-5,ED

Use of the internal thoracic artery: simple, complex, or with a backup? (Barner) 1994;57:8-9,ED

Warm retrograde blood cardioplegia: a prospective trial (Mills) 1994;57:281-2,ED

Education, medical, continuing

Angioscopy-guided training model of coronary artery anastomosis (Satur & Gupta) 1994;57:1343-5,HW

Education, medical, graduate

Graduate training in thoracic surgery (Hoffman) 1994;57:258,CP; Reply (Wilcox) 1994;57:258-9,CP

Ehlers-Danlos syndrome

Surgically treated case of Marfanoid hypermobility syndrome (Terada & Wanibuchi) 1994;57:1688,CP

Electric countershock

ICD implantation via thoracoscopy, "mailslot" thoracotomy, and subxiphoid incision (Brodman, Furman, & others) 1994;57:475-6,CR

Options in managing the patient with high defibrillation thresholds (Robinson, Windle, & Easley) 1994;57:1184-92*

Simple approach for extrapericardial placement of defibrillator patches via median sternotomy (Vyhmeister, Razzouk, & others) 1994;57:1341-2,HW

Simplified subxiphoid placement of implantable cardioverter defibrillators using a posterior rectus pocket (Habal, David, & Luceri) 1994;57:723-5*

Electrocoagulation

Operation for the Wolff-Parkinson-White syndrome in the catheter ablation era (Guiraudon, Guiraudon, & others) 1994;57:1084-8*

Electrodes, implanted

Pacing thresholds of temporary epicardial electrodes: variation with electrode type, time, and epicardial position (Kallis, Batrick, & others) 1994;57:623-6*

Electrolysis

Direct-current injury from external pacemaker results in tissue electrolysis (Grossi) 1994;57:1053,CP

Electrophysiology

Electrophysiologic consequences of hyperkalemic cardioplegia during surgical ischemia (Cohen, Allen, & others) 1994;57:1076-83*

Elevation

Early and intermediate results of the Fontan procedure at moderately high altitude (Day, Orsmond, & others) 1994;57:170-6*

Embolism

Adjuncts to reduce the incidence of embolic brain injury during operations on the aortic arch (Kouchoukos) 1994;57:243-5,HW

Recurrent systemic embolization caused by aortic thrombi (Aldrich, Girardi, & others) 1994;57:466-8,CR

Emergency medical services

Interhospital transport of patient on extracorporeal cardiopulmonary support (Bennett, Hill, & others) 1994;57:107-11*

Emphysema

Pacemaker failure due to pocket emphysema (Handy, Gillette, & Sade) 1994;57:1331-3,CR

Empyema

Acquired immunodeficiency syndrome-related lymphoma of the lung presenting as empyema thoracis (Forbes, Marchioro, & others) 1994;57:216-9,CR

Intrapleural fibrinolytic treatment of multiloculated thoracic empyemas (Robinson, Moulton, & others) 1994;57:803-14*

Utility of C-reactive protein measurements for empyema diagnosis after pneumonectomy (Icard, Fleury, & others) 1994;57:933-6*

Endocarditis

Fibrous skeleton endocarditis: repair using Konno procedure (Black, Walley, & Keon) 1994;57:225-8,CR

Endoscopy

Nasotracheal jet ventilation for rigid endoscopy (Magee, Klain, & others) 1994;57:1031-2,HW

Postoperative bronchopleural fistula: endoscopic closure in 12 patients (Scappaticci, Ardisson, & others) 1994;57:119-22*

Endothelium

Induction of heat-shock proteins enhances myocardial and endothelial functional recovery after prolonged cardioplegic arrest (Amrani, Corbett, & others) 1994;57:157-60*

Tolerance of epicardial coronary endothelium and smooth muscle to hyperkalemia (He, Yang, & others) 1994;57:682-8*

Endothelium, vascular

Effects of University of Wisconsin solution on endothelium-dependent coronary artery relaxation in the rat (Cartier, Hollmann, & others) 1994;57:255-7,UP

Endothelium-dependent relaxing factor

Impaired endothelium-dependent relaxation after coronary reperfusion injury: evidence for G protein dysfunction (Evora, Pearson, & Schaff) 1994;57:1550-6*

Endotoxins

Endotoxemia, complement and white blood cell activation in cardiac surgery: a randomized trial of laxatives and pulsatile perfusion (Taggart, Sundaram, & others) 1994;57:376-82*

Epidermolysis bullosa

Esophageal perforation in recessive dystrophic epidermolysis bullosa (Horan, Urschel, & others) 1994;57:1027-9,CR

Epigastric arteries

Ultrasound evaluation of the inferior epigastric artery (Petrosian, Menegus, & others) 1994;57:895-8*

Equipment and supplies

Multichannel myocardial temperature probe (Kuki, Yoshida, & others) 1994;57:1033-4,HW

Esophageal atresia

Primary repair of ultra-long-gap esophageal atresia: results without a lengthening procedure (Boyle, Irwin, & Foker) 1994;57:576-9*

Ultra-long-gap esophageal atresia: how long is long? (Coran) 1994;57:528-9,ED

Esophageal cyst

"Spontaneous" mediastinal pancreatic pseudocyst fistulization to the esophagus (Landreneau, Johnson, & others) 1994;57:208-10,CR

Esophageal diseases

Barrett's esophagus (Hardwick) 1994;57:263,CP; Reply (Little) 1994;57:263,CP

Esophageal diverticula

Esophageal diverticulum (Little) 1994;57:777,CR

Pathophysiologic basis for operation on Zenker's diverticulum (Migliore, Payne, & Jeyasingham) 1994;57:1616-21*

Esophageal fistula

Late esophageal fistula after pneumonectomy (Eng, Sabanathan, & Mearns) 1994;57:1337-8,CR

Esophageal neoplasms

Clinical experience with Montgomery salivary bypass stents in the esophagus (Warren, Smith, & Faber) 1994;57:1102-7*

Induction therapy for squamous carcinoma of the thoracic esophagus: the continuing journey (McLaughlin) 1994;57:1064-5,ED

Induction therapy for squamous carcinoma of thoracic esophagus (Laterza, Griso, & others) 1994;57:1126-32*

Neck ultrasonography for thoracic esophageal carcinoma (Tachimori, Kato, & others) 1994;57:1180-3*

Potential application of p53 as an intermediate biomarker in Barrett's esophagus (Jones, Davidson, & others) 1994;57:598-603*

Predictors of postoperative distant recurrences in esophageal carcinoma (Yoshida, Okamura, & others) 1994;57:886-9*

Reconstruction with free jejunal autograft after pharyngolaryngoesophagectomy (Omura, Misaki, & others) 1994;57:112-8*

Tumor recurrence in long-term survivors after treatment of carcinoma of the esophagus (Fahn, Wang, & others) 1994;57:677-81*

Esophageal perforation

Esophageal perforation in recessive dystrophic epidermolysis bullosa (Horan, Urschel, & others) 1994;57:1027-9,CR

Gastroesophageal leaks after antireflux operations (Urschel) 1994;57:1229-32*

Esophagectomy

Comparison of three techniques of esophagectomy within a residency training program (Putnam, Suell, & others) 1994;57:319-25*

Esophagus

Severe dysphagia from an Angelchik prosthesis: futility of routine esophageal testing (Demmy, Caron, & Curtis) 1994;57:1660-1,CR

Subacute ischemia of the colon esophageal interposition (Cheng, Heitmiller, & Jones) 1994;57:899-903*

Extracorporeal bypass circuit

Performance of an intravenous gas exchanger (IVOX) in a venovenous bypass circuit (Tao, Zwischenberger, & others) 1994;57:1484-91*

Extracorporeal membrane oxygenation

Extracorporeal membrane oxygenation: preliminary results in patients with postcardiotomy cardiogenic shock (Magovern, Magovern, & others) 1994;57:1462-71*

Fenestration

Spontaneous closure of fenestrations in an interatrial Gore-Tex patch: application to the Fontan procedure (Pearl, Laks, & others) 1994;57:611-4*

Fetus

Chronic alterations in cardiac mechanics after fetal closed heart operation (Sandhu, Heckman, & others) 1994;57:1409-15*

Fetal cardiac bypass: improved placental function with moderately high flow rates (Hawkins, Clark, & others) 1994;57:293-7*

Fetal cardiac surgery: steady progress in the laboratory (Hanley) 1994;57:279-80,ED

Fetal lamb pulmonary hypoplasia: pulmonary vascular and myocardial abnormalities (Hill, Adzick, & others) 1994;57:946-51*

Fibrin tissue adhesive

Use of glue to avoid formation of perfused recesses in aortic allograft implantation (von Segesser, Oechslin, & others) 1994;57:494-5,HW

Fibrinolytic agents

Intrapleural fibrinolytic treatment of multiloculated thoracic empyemas (Robinson, Moulton, & others) 1994;57:803-14*

Fibroblast growth factor

Improvement of tracheal autograft revascularization by means of fibroblast growth factor (Albes, Klenzner, & others) 1994;57:444-9*

Filters

Removal of Avitene microfibrillar collagen hemostat by use of suitable transfusion filters (Orr, Ferdman, & Maresh) 1994;57:1007-11*

Fistula

Bilateral internal mammary-to-pulmonary artery fistulas after coronary operation (Groh, Hovaguimian & Morton) 1994;57:1642-3,CR

Intraoperative transesophageal echocardiography of coronary artery fistulas (Stevenson, Sorensen, & others) 1994;57:1217-21*

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"Spontaneous" mediastinal pancreatic pseudocyst fistulization to the esophagus (Landreneau, Johnson, & others) 1994;57:208-10,CR

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Successful repair of congenital left ventricle-to-coronary sinus fistulas (Fetter, Backer, & others) 1994;57:757-8,CR

Traumatic thoracobiliary fistula (Rothberg, Klingman, & others) 1994;57:472-5,CR

Flowmeters

Intraoperative electromagnetic flowmeter measurements in coronary artery bypass grafts (Louagie, Haxhe, & others) 1994;57:357-64*

Foreign bodies

Constrictive pericarditis due to ingestion of a toothpick (Meyns, Faveere, & others) 1994;57:489-90,CR

Heparinless cardiopulmonary bypass with ancrod (O-Yurvati, Laub, & others) 1994;57:1656-8,CR

Formaldehyde

Formaldehyde-free collagen glue in experimental lung gluing (Ennker, Ennker, & others) 1994;57:1622-7*

Fumarates

Fumarate-enriched blood cardioplegia results in complete functional recovery of immature myocardium (Pearl, Hiramoto, & others) 1994;57:1636-41*

Funnel chest

Oblique wedge osteotomy for correction of asymmetric pectus excavatum in young children (Choi & Rim) 1994;57:235-6,HW

Staged approach to combined repair of pectus excavatum and lesions of the heart (Jones, Hoffman, & others) 1994;57:212-4,CR

Gastrectomy

Total gastrectomy in a patient with an in situ right gastroepiploic artery graft (Perrault, Rhéault, & Carrier) 1994;57:751-2,CR

Gastroepiploic artery

Cholecystectomy after coronary artery bypass grafting using right gastroepiploic artery (Terada & Suma) 1994;57:1370,CP

Coronary steal caused by a right gastroepiploic artery graft (Kawasuji, Takemura, & others) 1994;57:1645-7,CR

Gastroepiploic artery graft for anterior descending coronary artery bypass (Suma, Amano, & others) 1994;57:925-7*

Total gastrectomy in a patient with an in situ right gastroepiploic artery graft (Perrault, Rhéault, & Carrier) 1994;57:751-2,CR

Gastroesophageal reflux

The Angelchik prosthesis: what have we learned in fifteen years? (Crookes & DeMeester) 1994;57:1385-6,ED

Gastroesophageal leaks after antireflux operations (Urschel) 1994;57:1229-32*

Reoperation for complications of the Angelchik antireflux prosthesis (Stewart, Urschel, & Hallgren) 1994;57:1557-8*

Severe dysphagia from an Angelchik prosthesis: futility of routine esophageal testing (Demmy, Caron, & Curtis) 1994;57:1660-1,CR

Gastrointestinal system

Effect of cardiopulmonary bypass on gastrointestinal perfusion and function (Gaer, Shaw, & others) 1994;57:371-5*

Gelatin

Salvage of infected truncus repair using rifampicin-impregnated gelatin-sealed graft (French, Chard, & others) 1994;57:754-5,CR

Gene therapy

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Successful adenovirus-mediated gene transfer in an in vivo model of human malignant mesothelioma (Smythe, Kaiser, & others) 1994;57:1395-401*

Graft

Modification of the aortic composite graft using the button-in technique (Park & Maher) 1994;57:1035-7,HW

Salvage of infected truncus repair using rifampicin-impregnated gelatin-sealed graft (French, Chard, & others) 1994;57:754-5,CR

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Treatment of acute type A aortic dissection with intraluminal sutureless prosthesis (Liu, Lin, & Chang) 1994;57:987-91*

Graft (cont'd)

Wrapping of aortic grafts by pedicled pericardial flaps (Popoff & Diaz) 1994;57:1346-8,HW

Graft rejection

Noninvasive diagnosis of cardiac rejection through echocardiographic tissue characterization (Lieback, Meyer, & others) 1994;57:1164-70*

Granular cell tumor

Multicentric granular cell tumor of the heart presenting with aortic dissection (Fujise, Sacchi, & others) 1994;57:1653-5,CR

Hamartoma

Hamartomas of the chest wall in infants (Dounies, Chwals, & others) 1994;57:868-75*

Head and neck neoplasms

Neck ultrasonography for thoracic esophageal carcinoma (Tachimori, Kato, & others) 1994;57:1180-3*

Health care reform

Health care reform: implications for clinical medicine (Sade) 1994;57:792-6*

Physician payment reform: a cardiothoracic surgeon's perspective (Miller) 1994;57:787-91*

Heart arrest, induced

Blood cardioplegia reduces oxidant burden in the ischemic and reperfused human myocardium (Lapenna, Mezzetti, & others) 1994;57:1522-5*

Effect of intermittent delivery of warm blood cardioplegia on myocardial recovery (Landymore, Marble, & Fris) 1994;57:1267-72*

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Repair of coronary sinus rupture secondary to retrograde cardioplegia (Fleisher, Sarabu, & Reed) 1994;57:476-8,CR

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Heart-assist devices

Autogenous cardiac assist with chronic descending thoracic aortomyoplasty (Lazzara, Trumble, & Magovern) 1994;57:1540-4*

Chronic mechanical circulatory support: rehabilitation, low morbidity, and superior survival (Kormos, Murali, & others) 1994;57:51-8*

Enhanced preservation of acutely ischemic myocardium with transseptal left ventricular assist (Fonger, Zhou, & others) 1994;57:570-5*

Improved survival after extended bridge to cardiac transplantation (Frazier, Macris, & others) 1994;57:1416-22*

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Heart atrium

Infected biatrial myxoma: transesophageal echocardiography-guided surgical resection (Kaplan, Weiman, & others) 1994;57:487-9,CR

Therapeutic implications of intraoperative pressure measurements after the Fontan operation (Knott-Craig, Schaff, & others) 1994;57:937-40*

Heart conduction system

Anatomic definition of a vulnerable extranodal site in AV node reentry (Holman, Anderson, & others) 1994;57:1273-80*

Potential ablation of accessory atrioventricular pathways: injection of alcohol into the atrioventricular groove (Creswell, Rosenbloom, & others) 1994;57:203-7*

Predictors of conduction disturbances after coronary bypass grafting (Hippeläinen, Mustonen, & others) 1994;57:1284-8*

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Heart defects, congenital

Aortic intramural course of the left coronary artery in dextro-transposition of the great arteries (Sim, van Son, & others) 1994;57:458-60*

Arterial switch: translocation of the intramural coronary artery (Asou, Karl, & others) 1994;57:461-5*

Cerebral metabolic effects of sequential periods of hypothermic circulatory arrest (Mault, Whitaker, & others) 1994;57:96-101*

The ductus and the coarctation (Dobell) 1994;57:246-8,SH

Fetal cardiac surgery: steady progress in the laboratory (Hanley) 1994;57:279-80,ED

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Modified technique for total cavopulmonary connection (Gregori, Silva, & others) 1994;57:1649-51,CR

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Prevention of lung injury during open heart operations for congenital heart defects (Komai, Yamamoto, & others) 1994;57:134-40*

Recognition and management of accessory mitral tissue causing severe subaortic stenosis (Ow, DeLeon, & others) 1994;57:952-5*

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Transposition of the great arteries associated with total anomalous pulmonary venous return (Ueda, Miki, & others) 1994;57:470-2,CR

- Truncal valve repair: initial experience with infants and children (Elami, Laks, & Pearl) 1994;57:397-402*
- Unusual coronary patterns and arterial switch outcome (Day) 1994;57:283-5,ED
- Heart failure, congestive**
- Late hemodynamic results after cardiomyoplasty in congestive heart failure (Jegaden, Delahaye, & others) 1994;57:1151-7*
- Heart function**
- Chronic alterations in cardiac mechanics after fetal closed heart operation (Sandhu, Heckman, & others) 1994;57:1409-15*
- Nonstimulated cardiomyoplasty wrap attenuated the degree of left ventricular enlargement (Chekanov) 1994;57:1684-5,CP
- Ventricular function after the arterial switch operation for transposition of the great arteries (Elkins, Knott-Craig, & others) 1994;57:826-31*
- Heart injuries**
- Heart-lung transplantation**
- Heart-lung transplantation in a patient with pulmonary atresia and ventricular septal defect (Reichenspurner, Netz, & others) 1994;57:210-2,CR
- Liberalization of donor criteria in lung and heart-lung transplantation (Shumway, Hertz, & others) 1994;57:92-5*
- Selective lung or heart-lung transplantation for pulmonary hypertension associated with congenital cardiac anomalies (Lupinetti, Bolling, & others) 1994;57:1545-9*
- Tension pneumoperitoneum after heart-lung transplantation (Schwarz, Pham, & others) 1994;57:478-81,CR
- Heart neoplasms**
- Cardiac hemangioma (Abad) 1994;57:1373,CP; Reply (Brizard & Latremouille) 1994;57:1374,CP
- Diagnosis and neonatal resection of right atrial angiosarcoma (Rosenkranz & Murphy) 1994;57:1014-5,CR
- Multicentric granular cell tumor of the heart presenting with aortic dissection (Fujise, Sacchi, & others) 1994;57:1653-5,CR
- Pericardial angiosarcoma and associated hemorrhage (Walley & Masters) 1994;57:259-60,CP
- Schwannoma of the left atrium: diagnostic evaluation and surgical resection (Forbes, Schmidt, & others) 1994;57:743-6,CR
- Use of neurosurgical techniques for removal of a cardiac tumor (Reyes, Kantrowitz, & others) 1994;57:741-3,CR
- Heart rupture**
- "Concealed" rupture of the left ventricle: successful surgical repair (Komeda & Mickleborough) 1994;57:1333-5,CR
- Repair of coronary sinus rupture secondary to retrograde cardioplegia (Fleisher, Sarabu, & Reed) 1994;57:476-8,CR
- Heart septal defects**
- Cavopulmonary anastomotic aneurysm: a complication in pulsatile pulmonary arteries (Teske, Davis, & Allen) 1994;57:1661-4,CR
- Complete atrioventricular septal defect in patients with and without Down's syndrome (Marino) 1994;57:1687,CP; Reply (Akiba, Becker, & others) 1994;57:1687-8,CP
- Heart septal defects, atrial**
- Intrapericardial diaphragmatic hernia, atrial septal defect, and severe episodic cyanosis (Shely, Loitz, & others) 1994;57:1651-3,CR
- Heart septal defects, ventricular**
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- Lecompte procedure for complete transposition of the great arteries with ventricular septal defect and pulmonary stenosis (Kim, Song, & others) 1994;57:876-9*
- Postinfarction ventricular septal defect in the elderly: analysis and results (Blanche, Khan, & others) 1994;57:1244-7*
- Salvage of infected truncus repair using rifampicin-impregnated gelatin-sealed graft (French, Chard, & others) 1994;57:754-5,CR
- Surgical treatment of tetralogy of Fallot and pulmonary atresia with ventricular septal defect (Puga) 1994;57:253-4,CR
- Unexpected extraction of a ventricular septal defect patch without an interventricular shunt (Ishigami, Yokoyama, & others) 1994;57:468-9,CR
- Heart surgery**
- Anatomic correction for post-Mustard pulmonary venous obstruction (Shinebourne, Jahangiri, & others) 1994;57:1655-6,CR
- Aortic homograft and mitral valve repair in a patient with Werner's syndrome (Carrel, Pasic, & others) 1994;57:1319-20,CR
- Arterial switch: translocation of the intramural coronary artery (Asou, Karl, & others) 1994;57:461-5*
- Autotransfusion in routine cardiac operations (Early & Roberts) 1994;57:262-3,CP
- Bivalvation with bridging for common atrioventricular valve regurgitation in right isomerism (Oku, Iemura, & others) 1994;57:1324-6,CR
- Blood contact during open heart operations: reducing the risk (Noera) 1994;57:785-6,CP
- Cardiac operations in patients with end-stage renal disease (Kaul, Fields, & others) 1994;57:691-6*
- Carpentier "sliding leaflet" technique for repair of the mitral valve: early results (Perier, Clausnizer, & Mistarz) 1994;57:383-6*
- Cerebral metabolic effects of sequential periods of hypothermic circulatory arrest (Mault, Whitaker, & others) 1994;57:96-101*
- Chronic alterations in cardiac mechanics after fetal closed heart operation (Sandhu, Heckman, & others) 1994;57:1409-15*
- Comparison of the hormonal response after bidirectional Glenn and Fontan procedures (Mainwaring, Lamberti, & others) 1994;57:59-64*
- "Concealed" rupture of the left ventricle: successful surgical repair (Komeda & Mickleborough) 1994;57:1333-5,CR
- Conservative operation in the management of annular dilatation and ascending aortic aneurysm (Robicsek & Thubrikar) 1994;57:1672-4,HW
- Coronary artery anatomy in complete transposition of the great arteries (Sim, van Son, & others) 1994;57:890-4*
- Direct-vision aortic valvotomy: predecessor to modern aortic surgery (Ungerleider) 1994;57:1351-3,SH
- Double-valve replacement and aortic root widening with the Konno procedure (Koppula, Jagannath, & others) 1994;57:1057-8,CP; Reply (Yener) 1994;57:1058,CP; Reply (Kitamura) 1994;57:1058,CP
- The ductus and the coarctation (Dobell) 1994;57:246-8,SH
- Early and intermediate results of the Fontan procedure at moderately high altitude (Day, Orsmond, & others) 1994;57:170-6*
- Endotoxemia, complement and white blood cell activation in cardiac surgery: a randomized trial of laxatives and pulsatile perfusion (Taggart, Sundaram, & others) 1994;57:376-82*

Heart surgery (cont'd)

- Evidence of cardiac inflammation after open heart operations (Elgebaly, Houser, & others) 1994;57:391-6*
- Extended resection of the left atrium, great vessels, or both for lung cancer (Tsuchiya, Asamura, & others) 1994;57:960-5*
- Extracorporeal membrane oxygenation: preliminary results in patients with postcardiotomy cardiogenic shock (Magovern, Magovern, & others) 1994;57:1462-71*
- Fetal cardiac bypass: improved placental function with moderately high flow rates (Hawkins, Clark, & others) 1994;57:293-7*
- Fetal cardiac surgery: steady progress in the laboratory (Hanley) 1994;57:279-80,ED
- Fibrous skeleton endocarditis: repair using Konno procedure (Black, Walley, & Keon) 1994;57:225-8,CR
- Frequency and operative correction of aortic insufficiency associated with ventricular septal defect (Ishikawa, Morishita, & others) 1994;57:996-8*
- Human ventricular tachycardia: precise intraoperative localization with potential distribution mapping (Rokkas, Nitta, & others) 1994;57:1628-35*
- Hypothermic circulatory arrest for cardiac valve replacement reoperations (Michielon & Doty) 1994;57:1281-3*
- Infected biatrial myxoma: transesophageal echocardiography-guided surgical resection (Kaplan, Weiman, & others) 1994;57:487-9,CR
- Inhaled nitric oxide for the postoperative management of Fontan-type operations (Yahagi, Kumon, & others) 1994;57:1371-2,CP; Reply (Macrae & Elliott) 1994;57:1372-3,CP
- Lecompte procedure for complete transposition of the great arteries with ventricular septal defect and pulmonary stenosis (Kim, Song, & others) 1994;57:876-9*
- Left main bronchus compression after arterial switch for transposition (Worsey, Pham, & others) 1994;57:1320-2,CR
- Long-term results in polytetrafluoroethylene mitral annuloplasty (Chang, Lin, and others) 1994;57:644-7*
- Lunular hypertrophy and aortic valve disease (Shapira, Fernandez, & others) 1994;57:305-10*
- Modified Fontan operation with reconstruction of the nonconfluent pulmonary artery (Nomura, Kurosawa, & others) 1994;57:1643-5,CR
- Novel technique for extending the use of allografts in cardiac operations (Michler, Chen, & Quaegebeur) 1994;57:83-7*
- Operation for the Wolff-Parkinson-White syndrome in the catheter ablation era (Guiraudon, Guiraudon, & others) 1994;57:1084-8*
- Packing the chest: a useful technique for intractable bleeding after open heart operation (Bouboulis, Rivas, & others) 1994;57:856-61*
- Prevention of lung injury during open heart operations for congenital heart defects (Komai, Yamamoto, & others) 1994;57:134-40*
- Prosthetic valve obstruction: thrombolysis versus operation (Vitale, Renzulli, & others) 1994;57:365-70*
- Recognition and management of accessory mitral tissue causing severe subaortic stenosis (Ow, DeLeon, & others) 1994;57:952-5*
- Repair of commissural prolapse by extended leaflet sliding (van Herwerden, Taams, & Bos) 1994;57:387-90*
- Safety and therapeutic effectiveness of reinfused shed blood after open heart surgery (Axford, Dearani, & others) 1994;57:615-22*
- Septal myectomy for left ventricular outflow tract obstruction after mitral valve repair (Perier, Hagen, & Stumpf) 1994;57:1328-30,CR

- Shed blood autotransfusion influences ischemia-sensitive laboratory parameters after coronary operations (Hannes, Keilich, & others) 1994;57:1289-94*
- Simple method for determining proper length of artificial chordae in mitral valve repair (Kasegawa, Kamata, & others) 1994;57:237-9,HW
- Spontaneous closure of fenestrations in an interatrial Gore-Tex patch: application to the Fontan procedure (Pearl, Laks, & others) 1994;57:611-4*
- Staged approach to combined repair of pectus excavatum and lesions of the heart (Jones, Hoffman, & others) 1994;57:212-4,CR
- Superior-septal approach to the mitral valve (Kovács & Szabados) 1994;57:522-3,CP; Reply (Kon, Tucker, & others) 1994;57:522,CP
- Surgical ablation of ventricular tachycardia secondary to congenital ventricular septal aneurysm (Graffigna, Minzioni, & others) 1994;57:921-4*
- Surgical treatment of tetralogy of Fallot and pulmonary atresia with ventricular septal defect (Puga) 1994;57:253-4,CR
- Surgically treated case of Marfanoid hypermobility syndrome (Terada & Wanibuchi) 1994;57:1688,CP
- Systolic anterior motion of mitral valve after the posterior leaflet sliding advancement procedure (Lee, Stewart, & others) 1994;57:1338-40,CR
- Systolic anterior motion of the mitral valve after valve repair without an annular ring (Kupferschmid, Carr, & others) 1994;57:484-6,CR
- Therapeutic implications of intraoperative pressure measurements after the Fontan operation (Knott-Craig, Schaff, & others) 1994;57:937-40*
- Thrombomodulin in pediatric cardiac surgery (Boldt, Knothe, & others) 1994;57:1584-9*
- Transposition of the great arteries associated with total anomalous pulmonary venous return (Ueda, Miki, & others) 1994;57:470-2,CR
- Treatment of hypertrophic cardiomyopathy by mitral valve repair and septal myectomy (Joyce, Lever, & Cosgrove) 1994;57:1025-7,CR
- Tricuspid valve abnormalities in patients with atrioventricular discordance: surgical implications (Horvath, Szufladowicz, & others) 1994;57:941-5*
- Truncal valve repair: initial experience with infants and children (Elami, Laks, & Pearl) 1994;57:397-402*
- Two techniques for the control of cardiac bleeding (Vander Salm) 1994;57:762-4,HW
- Ventricular function after the arterial switch operation for transposition of the great arteries (Elkins, Knott-Craig, & others) 1994;57:826-31*

Heart transplantation

- Alternative technique for orthotopic heart transplantation (Blanche, Czer, & others) 1994;57:765-7,HW
- Biopsy-induced tricuspid regurgitation after cardiac transplantation (Huddleston, Rosenbloom, & others) 1994;57:832-7*
- Cardiac transplantation after donor mitral valve commissurotomy (Risher, Ochsner, & Van Meter) 1994;57:221-2,CR
- Cardiac transplantation in infants and children (Turrentine, Kesler, & others) 1994;57:546-54*
- Cholesterol-lowering intervention and coronary artery disease after cardiac transplantation (Carrier, Pelletier, & others) 1994;57:353-6*
- Chronic cardiac rejection masking as constrictive pericarditis (Hinkamp, Sullivan, & others) 1994;57:1579-83*
- Chronic myelogenous leukemia after lymphoid irradiation and heart transplantation (Frist & Biggs) 1994;57:214-6,CR

- Improved survival after extended bridge to cardiac transplantation (Frazier, Macris, & others) 1994;57:1416-22*
- Myocardial viability assessment in ischemic cardiomyopathy: benefits of coronary revascularization (Dreyfus, Duboc, & others) 1994;57:1402-8*
- Noninvasive diagnosis of cardiac rejection through echocardiographic tissue characterization (Lieback, Meyer, & others) 1994;57:1164-70*
- Primary bronchogenic carcinoma in the heart transplant recipient (Fleming, Jennison, & Naunheim) 1994;57:1300-1*
- Right ventricular function early after total or standard orthotopic heart transplantation (Bizouarn, Treilhaud, & others) 1994;57:183-7*
- Successful use of undersized donors for orthotopic heart transplantation—with a caveat (Blackbourne, Tribble, & others) 1994;57:1472-6*
- Tricuspid valve replacement after orthotopic heart transplantation (Votapka, Appleton, & Pennington) 1994;57:752-4,CR
- Heart valve diseases**
- Bivalvation with bridging for common atrioventricular valve regurgitation in right isomerism (Oku, Iemura, & others) 1994;57:1324-6,CR
- Fibrous skeleton endocarditis: repair using Konno procedure (Black, Walley, & Keon) 1994;57:225-8,CR
- Truncal valve repair: initial experience with infants and children (Elami, Laks, & Pearl) 1994;57:397-402*
- Heart valve prosthesis**
- Aortic valve replacement: determinants of operative mortality (He, Acuff, & others) 1994;57:1140-6*
- Composite graft technique (Paone & Silverman) 1994;57:517-8,CP; Reply (Copeland, Rosado, & Snyder) 1994;57:518,CP
- Double-valve replacement and aortic root widening with the Konno procedure (Koppula, Jagannath, & others) 1994;57:1057-8,CP; Reply (Yener) 1994;57:1058,CP; Reply (Kitamura) 1994;57:1058,CP
- Hypothermic circulatory arrest for cardiac valve replacement reoperations (Michielon & Doty) 1994;57:1281-3*
- Mitral valve replacement using a cryopreserved mitral homograft (Acar, Farge, & others) 1994;57:746-8,CR
- Preservation of anterior leaflet chordae tendineae during mitral valve replacement (Rose & Oz) 1994;57:768-9,HW
- Prosthetic valve obstruction: thrombolysis versus operation (Vitale, Renzulli, & others) 1994;57:365-70*
- Replacement of a prosthetic valve after the Bentall procedure (Bassano, Rabitti, & D'Alessandro) 1994;57:230-2,CR
- The risk of small St. Jude aortic valve prosthesis (Kratz, Sade, & others) 1994;57:1114-9*
- Surgically treated case of Marfanoid hypermobility syndrome (Terada & Wanibuchi) 1994;57:1688,CP
- Total aortic replacement (Svensson & Shahian) 1994;57:1685-6,CP; Reply (Massimo) 1994;57:1686,CP
- Tricuspid valve replacement after orthotopic heart transplantation (Votapka, Appleton, & Pennington) 1994;57:752-4,CR
- Twelve years' experience with the St. Jude Medical valve prosthesis (Nakano, Koyanagi, & others) 1994;57:697-703*
- Heart valves**
- Hemodynamic significance of the coronary vein valves (Panchih, Huang, & others) 1994;57:424-31*
- Heart ventricle**
- Anatomic correction for post-Mustard pulmonary venous obstruction (Shinebourne, Jahangiri, & others) 1994;57:1655-6,CR
- Cardiomyoplasty: probable mechanism of effectiveness using the pressure-volume relationship (Nakajima, Niinami, & others) 1994;57:407-15*
- Changes in left ventricular performance after global ischemia: assessing LV pressure-volume relationship (Matsuwaka, Matsuda, & others) 1994;57:151-6*
- Chronic morphologic changes of skeletal muscle ventricles in circulation (Nakajima, Nakajima, & others) 1994;57:912-20*
- Nonstimulated cardiomyoplasty wrap attenuated the degree of left ventricular enlargement (Chekanov) 1994;57:1684-5,CP
- Right ventricular function early after total or standard orthotopic heart transplantation (Bizouarn, Treilhaud, & others) 1994;57:183-7*
- Surgical ablation of ventricular tachycardia secondary to congenital ventricular septal aneurysm (Graffigna, Minzioni, & others) 1994;57:921-4*
- Ventricular function after the arterial switch operation for transposition of the great arteries (Elkins, Knott-Craig, & others) 1994;57:826-31*
- Heat-shock proteins**
- Induction of heat-shock proteins enhances myocardial and endothelial functional recovery after prolonged cardioplegic arrest (Amrani, Corbett, & others) 1994;57:157-60*
- Hemangioma**
- Cardiac hemangioma (Abad) 1994;57:1373,CP; Reply (Brizard & Latremouille) 1994;57:1374,CP
- Pulmonary capillary hemangiomatosis: a clinicopathologic review (Eltorky, Headley, & others) 1994;57:772-6,CT
- Hemangiosarcoma**
- Diagnosis and neonatal resection of right atrial angiosarcoma (Rosenkranz & Murphy) 1994;57:1014-5,CR
- Pericardial angiosarcoma and associated hemorrhage (Walley & Masters) 1994;57:259-60,CP
- Hemodilution**
- Hemodilution reduces early reperfusion injury in an ex vivo rabbit lung preservation model (Puskas, Oka, & others) 1994;57:731-5*
- Hemodynamics**
- Cardiomyoplasty: probable mechanism of effectiveness using the pressure-volume relationship (Nakajima, Niinami, & others) 1994;57:407-15*
- Early diagnosis of acute rejection by pulmonary hemodynamics after single-lung transplantation (Yamashita, Yamamoto, & others) 1994;57:1559-63*
- Hemodynamic significance of the coronary vein valves (Panchih, Huang, & others) 1994;57:424-31*
- Late hemodynamic results after cardiomyoplasty in congestive heart failure (Jegaden, Delahaye, & others) 1994;57:1151-7*
- Therapeutic implications of intraoperative pressure measurements after the Fontan operation (Knott-Craig, Schaff, & others) 1994;57:937-40*
- Hemorrhage**
- ATP reduces blood loss produced by heparin in cardiopulmonary bypass operations (Garcia, Buffolo, & others) 1994;57:956-9*
- Packing the chest: a useful technique for intractable bleeding after open heart operation (Bouboulis, Rivas, & others) 1994;57:856-61*
- Pericardial angiosarcoma and associated hemorrhage (Walley & Masters) 1994;57:259-60,CP

Hemorrhage (cont'd)

Relationship of platelet aggregation to bleeding after cardiopulmonary bypass (Ray, Hawson, & others) 1994;57:981-6*

Two techniques for the control of cardiac bleeding (Vander Salm) 1994;57:762-4,HW

Hemostats

Removal of Avitene microfibrillar collagen hemostat by use of suitable transfusion filters (Orr, Ferdman, & Maresch) 1994;57:1007-11*

Heparin

Aprotinin does not neutralize heparin (Alston & D'Ambra) 1994;57:516,CP

ATP reduces blood loss produced by heparin in cardiopulmonary bypass operations (Garcia, Buffolo, & others) 1994;57:956-9*

Heparin resistance after preoperative heparin therapy or intraaortic balloon pumping (Staples, Dunton, & others) 1994;57:1211-6*

Safe use of heparin-coated bypass circuits incorporating a pump-oxygenator (Jones, Hill, & others) 1994;57:815-9*

Successful treatment of massive pulmonary embolism after coronary artery bypass grafting due to heparin-induced thrombocytopenia (Ralph-Edwards, Feindel, & Glynn) 1994;57:1326-8,CR

Hernia, diaphragmatic

Intrapericardial diaphragmatic hernia, atrial septal defect, and severe episodic cyanosis (Shely, Loitz, & others) 1994;57:1651-3,CR

Heterotaxy

Total anomalous pulmonary venous drainage in newborns with visceral heterotaxy (Heinemann, Hanley, & others) 1994;57:88-91*

High-frequency jet ventilation

Nasotracheal jet ventilation for rigid endoscopy (Magee, Klain, & others) 1994;57:1031-2,HW

Hormones

Comparison of the hormonal response after bidirectional Glenn and Fontan procedures (Mainwaring, Lamberti, & others) 1994;57:59-64*

How to do it

Adjuncts to reduce the incidence of embolic brain injury during operations on the aortic arch (Kouchoukos) 1994;57:243-5,HW

Alternative technique for orthotopic heart transplantation (Blanche, Czer, & others) 1994;57:765-7,HW

Angioscopy-guided training model of coronary artery anastomosis (Satur & Gupta) 1994;57:1343-5,HW

Conservative operation in the management of annular dilatation and ascending aortic aneurysm (Robicsek & Thubrikar) 1994;57:1672-4,HW

Internal thoracic artery graft holder for coronary artery bypass grafting (Watanabe & Misaki) 1994;57:492-3,HW

Mesh tube-calibrated varicose veins for coronary artery bypass grafting (Moritz, Grabenwöger, & Wolner) 1994;57:240-2,HW

Method of thoracoscopic pleurectomy (Anastasia) 1994;57:1665,HW

Modification of the aortic composite graft using the button-in technique (Park & Maher) 1994;57:1035-7,HW

Multichannel myocardial temperature probe (Kuki, Yoshida, & others) 1994;57:1033-4,HW

Nasotracheal jet ventilation for rigid endoscopy (Magee, Klain, & others) 1994;57:1031-2,HW

New modification of a mammary artery retractor (Itoh, Sawazaki, & others) 1994;57:1670-1,HW

New technique for coronary sinus cannulation using a fiberoptic stylet (Esper, Devineni, & Kolff) 1994;57:1349-50,HW

Oblique wedge osteotomy for correction of asymmetric pectus excavatum in young children (Choi & Rim) 1994;57:235-6,HW

Preservation of anterior leaflet chordae tendineae during mitral valve replacement (Rose & Oz) 1994;57:768-9,HW

Pulmonary artery flap for closure of aortopulmonary window (Messmer) 1994;57:498-501,HW

Retrograde cerebral perfusion via a superior vena caval cannula for aortic arch aneurysm operations (Coselli) 1994;57:1668-9,HW

Simple approach for extrapericardial placement of defibrillator patches via median sternotomy (Vyhmeister, Razzouk, & others) 1994;57:1341-2,HW

Simple method for determining proper length of artificial chordae in mitral valve repair (Kasegawa, Kamata, & others) 1994;57:237-9,HW

Simplified placement of silicone tracheal Y stent (Acuff, Mack, & Ryan) 1994;57:496-7,HW

Technique to reduce air leaks after resection of emphysematous lung (Cooper) 1994;57:1038-9,HW

Two techniques for the control of cardiac bleeding (Vander Salm) 1994;57:762-4,HW

Use of glue to avoid formation of perfused recesses in aortic allograft implantation (von Segesser, Oechslin, & others) 1994;57:494-5,HW

Vertical muscle-sparing thoracotomy (Hennington, Ulicny, & Detterbeck) 1994;57:759-61,HW

Wrapping of aortic grafts by pedicled pericardial flaps (Popoff & Diaz) 1994;57:1346-8,HW

Hydrogen-ion concentration

Aminosulfonic acid buffer preserves myocardium during prolonged ischemia (Swan, Cowan, & others) 1994;57:1590-6*

Continuous measurement of intramyocardial pH: correlation to functional recovery following normothermic and hypothermic global ischemia (Takach, Glassman, & others) 1994;57:512-4,UP

Effects of cardiopulmonary bypass on gut blood flow, oxygen utilization, and intramucosal pH (Ohri, Becket, & others) 1994;57:1193-9*

Effects of pH and temperature on lung preservation: a study with an isolated rat lung reperfusion model (Shiraishi, Igisu, & Shirakusa) 1994;57:639-43*

Hypertension

Extravascular fluid uptake during cardiopulmonary bypass in hypertensive dogs (Wolfer, Bishop, & others) 1994;57:974-80*

Hypertension, pulmonary

Anatomic correction for post-Mustard pulmonary venous obstruction (Shinebourne, Jahangiri, & others) 1994;57:1655-6,CR

Inhaled nitric oxide in the treatment of postoperative graft dysfunction after lung transplantation (Adata, Lillehei, & others) 1994;57:1311-8*

Selective lung or heart-lung transplantation for pulmonary hypertension associated with congenital cardiac anomalies (Lupinetti, Bolling, & others) 1994;57:1545-9*

Hypertrophy

Retrograde warm blood cardioplegia preserves hypertrophied myocardium: a clinical study (Menasché, Tronc, & others) 1994;57:1429-35*

Hypothermia

Portable cardiopulmonary bypass: resuscitation from prolonged ice-water submersion and asystole (Waters, Belz, & others) 1994;57:1018-9,CR

Hypothermia, induced

Adjuncts to reduce the incidence of embolic brain injury during operations on the aortic arch (Kouchoukos) 1994;57:243-5,HW

Cerebral effects of low-flow cardiopulmonary bypass and hypothermic circulatory arrest (Mezrow, Sadeghi, & others) 1994;57:532-9*

Cerebral metabolic effects of sequential periods of hypothermic circulatory arrest (Mault, Whitaker, & others) 1994;57:96-101*

Computer simulation of brain cooling during cardiopulmonary bypass (Dexter & Hindman) 1994;57:1171-9*

Hypothermic circulatory arrest for cardiac valve replacement reoperations (Michielon & Doty) 1994;57:1281-3*

Myocardial function is normal after rapid cooling in the in vivo neonatal heart (Heinle, Lodge, & others) 1994;57:326-33*

Newborn myocardial protection after prolonged prearrest cooling: a calcium overload phenomenon? (Shum-Tim, Tcher-venkov & others) 1994;57:311-8*

Regional deep hypothermia of the spinal cord protects against ischemic injury during thoracic aortic cross-clamping (Salzano, Ellison, & others) 1994;57:65-71*

Retrograde cerebral perfusion via a superior vena caval cannula for aortic arch aneurysm operations (Coselli) 1994;57:1668-9,HW

Single-stage repair of distal aortic arch and thoracoabdominal dissecting aneurysms using aortic tailoring and circulatory arrest (Stone, Greene, & others) 1994;57:580-7*

Thromboxane A₂ receptor-specific antagonism in hypothermic cardiopulmonary bypass (Mendeloff, Liang, & others) 1994;57:999-1006*

Immune system

Development of tolerance to experimental cardiac allografts in utero (Kline, Shen, & others) 1994;57:72-5*

Donor-specific immune response after aortic valve allografting in the rat (Zhao, Green, & others) 1994;57:1158-63*

Incision

Vertical muscle-sparing thoracotomy (Hennington, Ulicny, & Detterbeck) 1994;57:759-61,HW

Infant

Bilateral main bronchial compression caused by the ductal ligament (Sugita, Mori, & others) 1994;57:1647-9,CR

Cardiac transplantation in infants and children (Turrentine, Kesler, & others) 1994;57:546-54*

Hamartomas of the chest wall in infants (Dounies, Chwals, & others) 1994;57:868-75*

High-frequency jet versus conventional ventilation in infants undergoing Blalock-Taussig shunts (Davis, Russo, & others) 1994;57:846-9*

Primary repair of ultra-long-gap esophageal atresia: results without a lengthening procedure (Boyle, Irwin, & Foker) 1994;57:576-9*

Salvage of infected truncus repair using rifampicin-impregnated gelatin-sealed graft (French, Chard, & others) 1994;57:754-5,CR

Truncal valve repair: initial experience with infants and children (Elami, Laks, & Pearl) 1994;57:397-402*

Ultra-long-gap esophageal atresia: how long is long? (Coran) 1994;57:528-9,ED

Use of neurosurgical techniques for removal of a cardiac tumor (Reyes, Kantrowitz, & others) 1994;57:741-3,CR

Infant, newborn

Diagnosis and neonatal resection of right atrial angiosarcoma (Rosenkranz & Murphy) 1994;57:1014-5,CR

Fumarate-enriched blood cardioplegia results in complete functional recovery of immature myocardium (Pearl, Hiramoto, & others) 1994;57:1636-41*

Myocardial function is normal after rapid cooling in the in vivo neonatal heart (Heinle, Lodge, & others) 1994;57:326-33*

Newborn myocardial protection after prolonged prearrest cooling: a calcium overload phenomenon? (Shum-Tim, Tcher-venkov & others) 1994;57:311-8*

Total anomalous pulmonary venous drainage in newborns with visceral heterotaxy (Heinemann, Hanley, & others) 1994;57:88-91*

Unusual coronary patterns and arterial switch outcome (Day) 1994;57:283-5,ED

Infection

Blood contact during open heart operations: reducing the risk (Noera) 1994;57:785-6,CP

Inflammation

Evidence of cardiac inflammation after open heart operations (Elgebaly, Houser, & others) 1994;57:391-6*

Insurance, health, reimbursements

Physician payment reform: a cardiothoracic surgeon's perspective (Miller) 1994;57:787-91*

Intercostal artery

History of use of the intercostal artery as a conduit in myocardial revascularization (van Son & Smedts) 1994;57:1688-9,CP

Internal mammary-coronary artery anastomosis

Impact of mammary grafts on coronary bypass operative mortality and morbidity (Grover, Johnson, & others) 1994;57:559-69*

Internship and residency

Comparison of three techniques of esophagectomy within a residency training program (Putnam, Suell, & others) 1994;57:319-25*

Thoracic night lights: the residency (Murray) 1994;57:265-73,PA

The thoracic surgery residency program at Chapel Hill (Wilcox) 1994;57:274-8*

Intestines

Effects of cardiopulmonary bypass on gut blood flow, oxygen utilization, and intramucosal pH (Ohri, Becket, & others) 1994;57:1193-9*

Endotoxemia, complement and white blood cell activation in cardiac surgery: a randomized trial of laxatives and pulsatile perfusion (Taggart, Sundaram, & others) 1994;57:376-82*

Role of the gut in the development of multiple organ dysfunction (Corno) 1994;57:263-4,CP

Intraaortic balloon pumping

Awareness of a serious complication of the intraaortic balloon pump: "entrapping" (Shafei & Al-Ebrahim) 1994;57:1373,CP

Enhanced preservation of acutely ischemic myocardium with transseptal left ventricular assist (Fonger, Zhou, & others) 1994;57:570-5*

Enhanced recovery of ischemic myocardium by combining percutaneous bypass with intraaortic balloon pump support (Lazar, Treanor, & others) 1994;57:663-8*

Intraaortic balloon pumping (cont'd)

Fracture of the internal lumen of a Datascope Percor Stat-DL Balloon, resulting in stroke (Myers, Landymore, & others) 1994;57:1335-7,CR

Heparin resistance after preoperative heparin therapy or intraaortic balloon pumping (Staples, Dunton, & others) 1994;57:1211-6*

Retained intraaortic balloon (Alvarez) 1994;57:516-7,CP

Intraoperative complications

The atherosclerotic ascending aorta and transverse arch: a new technique to prevent cerebral injury during bypass: experience with 13 patients (Culliford) 1994;57:1051-2,UP

Cerebrovascular accident complicating extended cervical mediastinoscopy (Urschel, Vretenar, & others) 1994;57:740-1,CR

Intraoperative whole-lung torsion producing pulmonary venous infarction (Chan, Scott, & others) 1994;57:1330-1,CR

Pulmonary artery rupture (Horowitz & Rader) 1994;57:524,CP

Retained intraaortic balloon (Alvarez) 1994;57:516-7,CP

Unexpected extraction of a ventricular septal defect patch without an interventricular shunt (Ishigami, Yokoyama, & others) 1994;57:468-9,CR

Ischemia

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- Pericardiotomy**
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- Pericarditis**
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- Delayed tension pneumopericardium after thoracotomy for penetrating chest trauma (Hymes, Itani, & others) 1994;57:1658-60,CR

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- Tension pneumoperitoneum after heart-lung transplantation (Schwarz, Pham, & others) 1994;57:478-81,CR

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SQ 30,741

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- Gastroesophageal leaks after antireflux operations (Urschel) 1994;57:1229-32*
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- Sternal wound dehiscence from peritoneal dialysis (Simansky & Yellin) 1994;57:786,CP

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